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PTO/SB/21 (09-04)

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/091,360

Filing Date

03/04/2002

First Named Inventor

Tsipouras et al.

Art Unit

1631

Examiner Name

Clow, Lorie A.

Attorney Docket Number

IK-110.3 (C)

ENCLOSURES

(Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

1. PTO-1449 (PTO/SB/08A and /08B)

2. (17) References

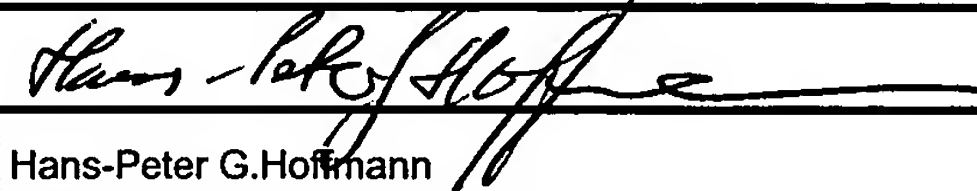
Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

PLLSBURY WINTHROP LLP

Signature



Printed name

Hans-Peter G. Hoffmann

Date

December 1, 2004

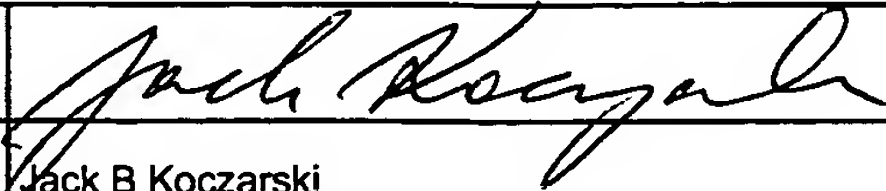
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37,352

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Jack B Koczarski

Date

December 1, 2004

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DOC # 110165550

PTO/SB/17 (10-04v2)

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 180.00)

Complete if Known

Application Number	10/091,360
Filing Date	03/04/2002
First Named Inventor	Tsipouras et al.
Examiner Name	Clow, Lori A
Art Unit	1631
Attorney Docket No.	IK-110.3(C)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☒ Other ☐ None☒ Deposit Account:Deposit
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☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims			
Independent Claims			
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

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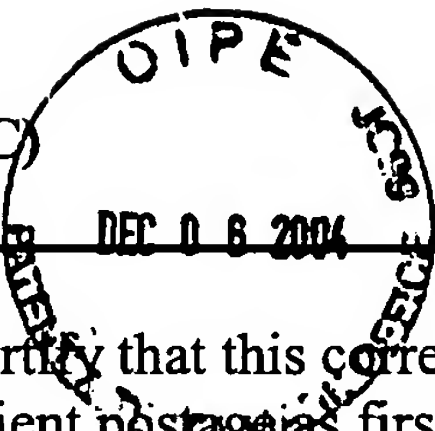
(Complete (if applicable))

Name (Print/Type)	Hans-Peter G. Hoffmann	Registration No. (Attorney/Agent)	37,352	Telephone	203 965-8271
Signature		Date	December 1, 2004		

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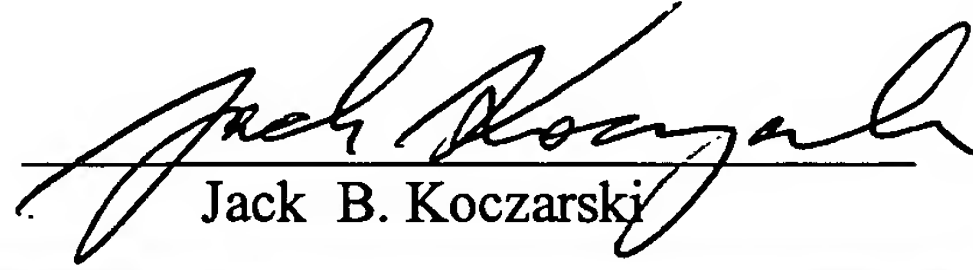
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Date: December 1, 2004


Jack B. Koczarski

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:
Tsipouras et al.

CASE NO.: IK-110.3(C)

APPLICATION NO.: 10/091,360

GROUP ART UNIT: 1631

FILED: 03/04/2002

EXAMINER: Clow, Lori A

FOR: METHOD AND APPARATUS FOR COMPUTER CONTROLLED RARE CELL
INCLUDING FETAL CELL, BASED DIAGNOSIS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

All copies of the references listed on the attached Form

PTO-1449 (PTO/SB/08A and PTO/SB/08B) have been provided.

- () In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required. The Commissioner is authorized to charge any fees required to Deposit Account No. 03-3975.

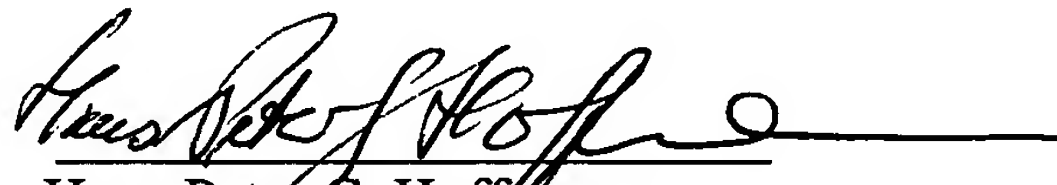
- (X) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
- () Certification in Accordance with §1.97(e) is set forth below.
- (X) The fee of \$ 180.00 as set forth in §1.17(p) is attached.
- () In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$ as set forth in §1.17(p).

Please charge any necessary fees to Deposit Account No. 03-3975.

The references are only provided in the English language or with an English language abstract or translation.

Date: December 1, 2004

Respectfully submitted,



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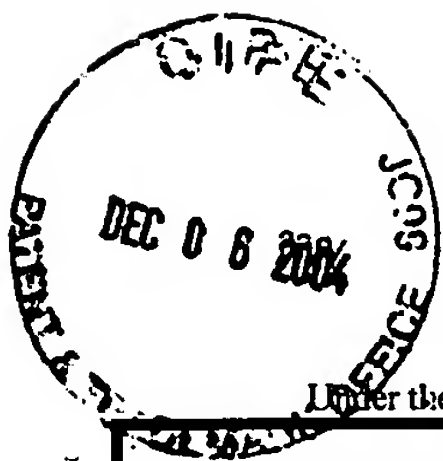
Application Number	10/091,360
Filing Date	03/04/2002
First Named Inventor	Tsipouras et al.
Art Unit	1631
Examiner Name	Clow, Lori A.
Attorney Docket Number	IK-110.3 (C)

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	A	WO 99/58972	11/18/99	PCT		
	B	WO 99/08091	02/18/99	PCT		
	C	WO 99/02960	01/21/99	PCT		
	D	WO 97/43732	11/20/97	PCT		
	E	WO 97/20198	06/07/97	PCT		
	F	WO 94/02646	02/03/94	PCT		
	G	WO 93/18186	09/16/93	PCT		
	H	EP 0 713 086 B1	04/14/99	EPO		
	I	EP 0 595 506	05/04/94	EPO		

Examiner Signature		Date Considered		
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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/091,360
				Filing Date	03/04/2002
				First Named Inventor	Tsipouras et al.
				Art Unit	1631
				Examiner Name	Clow, Lori A
Sheet	1	of	1	Attorney Docket Number	IK-110.3(C)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Baxes, 1994, "Digital Image Processing Passage", U.S. , New York, Wiley, pp. 127-137	
	2	Mesker et al., 1994, "Detection of Immunocytochemically Stained Rare Events Using Image Analysis" Cytochemistry 17 pp. 209-215	
	3	Oosterwijk et al., 1998, " Strategies for Rare-Event Detection: An Approach for Automated Fetal Cell Detection in Maternal Blood" Am. J. Hum. Genet. 63, pp. 1783-1792	
	4	Oosterwijk et al., 1998, "Development of Preparation and Staining Method for Fetal Erythroblasts in Maternal Blood: Simultaneous Immunocytochemical Staining and FISH Analysis, Cytometry 32, pp. 170-177	
	5	Oosterwijk et al., 1998, "Fetal Cell Detection in Maternal Blood: A Study in 236 Samples Using Erythroblast Morphology, DAB and HbF Staining, and Fish Analysis" Cytometry 32 pp 178-185	
	6	Tanke et al., 1996," Detection of Rare Event" Fetal Erythroblast in Maternal Blood Using Automated Microscopy", Early Devel. 47 Suppl. pp. S89-S93	
	7	Verwoerd et al., 1987, "Somatic Cell Mutation in Humans Detected by Image Analysis of Immunofluorescently Stained Erythrocytes", in : Clinical Cytometry and Histometry, Burger et al., eds., Academic Press, pp. 465-469	
	8	Lizardi et al., 1998, Mutation Detection and Single-Molecule Counting Using Isothermal Rolling-circle Amplification, Nature Genetics, 19 (3) pp225-232	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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